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CUSTOMER NUMBER 25268

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Yuan et al. Attorney Docket No. UNIV0220  
Serial No.: 10/804,460 Group Art Unit: 2123  
Filed: March 19, 2004 Examiner:  
Title: COMPUTATION OF WALL THICKNESS

INFORMATION DISCLOSURE STATEMENT

Bellevue, Washington 98004

August 6, 2004

TO THE COMMISSIONER FOR PATENTS:

Applicant is aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

- ☒ 1. Copies of the listed non-U.S. patent publications and other information are enclosed for the Examiner's use.
- ☐ 2. Copies of the listed patents, publications, and other information were previously cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. § 120.
- ☐ 3. A concise explanation of the relevance of document I.D. No. \_\_\_\_\_ (which is not in the English language), as presently understood by the individual designated under 37 C.F.R. § 1.56(c) most knowledgeable about its content, is provided \_\_\_\_\_.
- ☒ 4. Pursuant to 37 C.F.R. § 1.97(b), this information disclosure statement is being filed within three months of the filing date of the national application, within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, or before the mailing date of a first Office Action on the merits.
- ☐ 5. Pursuant to 37 C.F.R. § 1.97(c), this information disclosure statement is being filed after the period set forth in 37 C.F.R. § 1.97(b) but before the mailing date of either a final action under 37 C.F.R. § 1.113, or a notice of allowance under 37 C.F.R. § 1.311, and is accompanied by:
- a. \_\_\_\_\_ a certification as specified in 37 C.F.R. § 1.97(e); or
- b. \_\_\_\_\_ the fee set forth in 37 C.F.R. § 1.17(p). Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ is enclosed.

- 1 \_\_\_\_\_ 6. Pursuant to 37 C.F.R. § 1.97(d), this information disclosure statement is being filed  
2 after the mailing date of either:  
3 a. \_\_\_\_\_ a final action under 37 C.F.R. § 1.113; or  
4 b. \_\_\_\_\_ a notice of allowance under 37 C.F.R. § 1.311,  
5 but before payment of the issue fee. The statement is accompanied by a  
6 certification as specified in 37 C.F.R. § 1.97(e), a statement requesting  
7 consideration of the information disclosure statement, and the petition fee set  
8 forth in 37 C.F.R. § 1.17(p). Check No. \_\_\_\_\_ in the amount of  
\$ \_\_\_\_\_ is enclosed.
- 9 X 7. Please charge any additional fees or credit any overpayment to Deposit Account  
10 No. 01-1940. A copy of this sheet is enclosed.

11 Respectfully submitted,

12 

13 Michael C. King

14 Registration No. 44,812

15  
16 I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed  
17 envelope as first class mail with postage thereon fully prepaid addressed to: Commissioner for Patents, P.O.  
Box 1450, Alexandria, Virginia 22313-1450, on August 6, 2004.

18 Date: August 6, 2004

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**INFORMATION DISCLOSURE STATEMENT LISTING SHEET**

Information Cited By Applicant(s) That May Be Material To  
The Prosecution Of The Subject Application

Applicants: Yuan et al. Attorney Docket No. UNIV0220  
Serial No.: 10/804,460 Group Art Unit: 2123  
Filed: March 19, 2004 Examiner:  
Title: COMPUTATION OF WALL THICKNESS

**U.S. PATENT DOCUMENTS**

*NONE CITED*

**FOREIGN PATENT DOCUMENTS**

*NONE CITED*

**OTHER INFORMATION**

<u>*Examiner</u> <u>Initial</u>	<u>Document</u> <u>No.</u>	<u>Document Information</u>
_____	O1	Aurenhammer F. "Voronoi diagrams – A Survey of a Fundamental Geometric Data Structure." <i>ACM Computing Surveys</i> 1991 September; 23(5):345-405.
_____	O2	Bots ML, Grobbee DE. "Intima Media Thickness as a Surrogate Marker for Generalised Atherosclerosis." <i>Cardiovascular Drugs and Therapy</i> . ProQuest Medical Library. 2002 July;16(4):341-351.
_____	O3	Buller VGM, Van der Geest RJ, Kool MD, Reiber JHC. "Accurate Three-dimensional Wall Thickness Measurement From Multi-Slice Short-Axis MR Imaging." <i>Computers in Cardiology</i> . 1995:245-248.
_____	O4	Dempsey RJ, Diana AL, Moore RW. "Thickness of Carotid Artery Atherosclerotic Plaque and Ischemic Risk." <i>Neurosurgery</i> . 1990 September; 27(3):343-348.
_____	O5	Ganapathy S and Dennehy TG. "A New General Triangulation Method for Planar Contours." <i>Computer Graphics</i> 1982 July; 16(3):69-75.

## OTHER INFORMATION

*Examiner Initial	Document No.	Document Information
_____	O6	Han C, Hatsukami TS, Hwang JN, Yuan C. "A Fast Minimal Path Active Contour Model." <i>IEEE Transactions on Image Processing</i> . 2001 June; 10(6):865-873.
_____	O7	Hubka M, Lipiecki J, Bolson EL, Martin RW, Munt B, Maza SR, Sheehan FH. "Three-dimensional echocardiographic measurement of left ventricular wall thickness: In vitro and in vivo validation." <i>Journal of the American Society of Echocardiography</i> . 2002 Feb;15(2):129-35.
_____	O8	Iannuzzi A, Wilcosky T, Mercuri M, Rubba P, Bryan FA, Bond MG. "Ultrasonographic Correlates of Carotid Atherosclerosis in Transient Ischemic Attack and Stroke." <i>Stroke</i> . ProQuest Medical Library. 1995 Apr;26(4):614-9.
_____	O9	Meyers D. "Multiresolution tiling." <i>Computer Graphics Forum</i> 1994; No. 5:325-340.
_____	O10	O'Leary DH, Polak JF, Kronmal RA, Manolio TA, Burke GL, Wolfson SK Jr. "Carotid-artery Intima and Media Thickness as a Risk Factor for Myocardial Infarction and Stroke in Older Adults." Cardiovascular Health Study Collaborative Research Group. <i>New England Journal of Medicine</i> . 1999 Jan 7;340(1):14-22.
_____	O11	Pignoli P, Tremoli E, Poli A, Oreste P, Paoletti R. "Intimal plus medial thickness of the arterial wall: a direct measurement with ultrasound imaging." <i>Circulation</i> . 1986 Dec;74(6):1399-406.
_____	O12	Schulte-Altdorneburg G, Droste DW, Felszeghy S, Kellermann M, Popa V, Hegedüs K, Hegedüs C, Schmid M, Módos L, Ringelstein EB, Csiba L. "Accuracy of In Vivo Carotid B-Mode Ultrasound Compared with Pathological Analysis: Intima-Media Thickening, Lumen Diameter, and Cross-Sectional Area." <i>Stroke</i> . 2001 Jul;32(7):1520-4.
_____	O13	Von Land CD, Rao SR, Reiber JHC. "Development of an Improved Centerline Wall Motion Model." <i>Comp Cardiol</i> . 1991:687-690.

\_\_\_\_\_  
Examiner's Signature

\_\_\_\_\_  
Date

\*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RMA:klp  
8/5/04